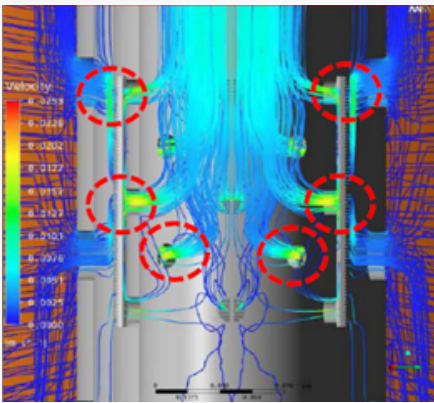


EROSION RESISTANCE CERAMIC SAND SCREEN NON BASEPIPE

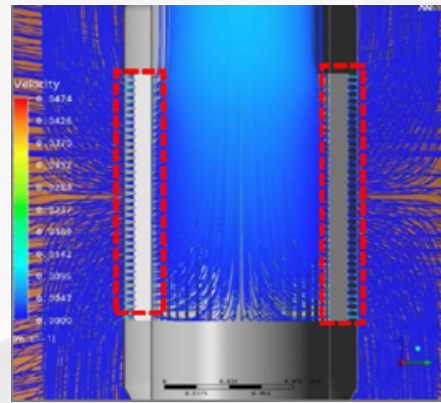


FEATURES

- Rod based pipe instead of based pipe to promote laminar flow
- Much larger inflow area than conventional wire wrapped sand screen.
- Ceramic coated to improve the erosion resistant.
- Applicable for both thru tubing application and standalone sand screen application



CFD of Base Pipe Wire
Wrapped Sand Screen



CFD of FormationLink
™ Sand Screen

More Information please contact :

Bala : 012 522 2484/nurbaizura@neudimension.com.my

Wire-Wrapped Screen FLCC with Perforated Base-Tube

Our Wire-Wrapped Screen FLCC with Perforated Base-Tube is a wire-wrapped screen on a pipe base for sand control, available in various designs and customized to meet specific well requirements. These robust screens are suitable for standalone well completions as well as use in combination with gravel packs.

Wire-Wrapped Screen FLCC Technology

Our advanced Wire-Wrapped Screen FormationLink-Ceramic® technology offers outstanding strength and precise slot openings. The precisely engineered V-shaped profile wires ensure optimal flow and effective sand control.

The number of support rods and their diameter increase tensile strength, providing the screen element with a more stable, rounder shape. Additionally, the outer screen surface is fully plasma-coated with our unique FormationLink-Ceramic® technology.

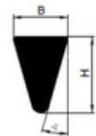
The second Cin our FLCC technology stands for extreme abrasion and erosion resistance. In this case, the Perforated Base-Tube is also plasma-coated with our FormationLink-Ceramic® technology to further enhance durability.

The result: A reliable and extremely robust construction for sand-free production in both vertical and horizontal wells – with or without a gravel pack.

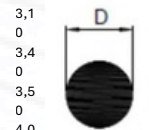
Advantages

The Wire-Wrapped Screen FLCC with Perforated Base-Tube design offers:

- High tensile, compressive, and mechanical strength
- Suitable for rotational installation
- Outstanding abrasion, erosion, and corrosion resistance
- Precise slot widths
- Minimized risk of plugging
- Easy installation
- FLCC Technology – Double plasma-coated with FormationLink-Ceramic®
- Development & production Made in Germany



Profile Type	B	H	∠ grad°	A mm²
V 075			8,00	0,91
V 10	0,7	1,80	8,50	1,44
V 15	5	2,00	12,00	2,50
V 18	1,0	2,50	10,50	4,26
V 20	0	3,70	13,50	4,00
V 22	1,5	3,00	10,00	6,53
V 23	0	4,50	14,00	5,50
V 25	1,8	3,55	15,50	5,51
V 28	0	3,50	10,00	10,21
V 30	2,0	5,50	16,00	7,58
V 31	0	4,00	10,00	12,37
V 34	2,2	6,00	10,00	15,27
V 35	0	6,80	15,50	10,75
V 40	2,2	5,00	15,50	14,42
V 40.9	8	6,00	8,50	24,14
V 45	2,5	9,18	12,50	22,74
V 50	0	8,50	12,00	29,28
	2,8	10,00		
	0			
	3,0			
	2			
	0			
	3,1			
	0			
	3,4			
	0			
	3,5			
	0			
	4,0			



Profile	D mm	A mm²
3,9		
7	2,50	4,91
4,5	3,00	7,07
R 25	3,40	9,08
R 30	3,65	10,46
R 34	4,00	12,57
R 36,5	4,20	13,85
R 40	4,60	16,62
R 42	5,00	19,63
R 46	5,20	21,23
R 50	6,00	28,27
R 52		
R 60		

2) Not every profile is available from stock in all materials listed in the material list. Availability is subject to continuous demand.

Customization

The design is optimally tailored to your requirements:

- Slot openings from 50 to 2000 microns
- Available in all standard pipe sizes according to DIN/ISO/ANSI/ASME
- Customized construction
- Various materials, including 304, 316L, 904, Duplex, Alloy 825, 625, C276
- Custom end fittings and threaded connections
- Fixing of the Wire-Wrapped Screen by welding or screwing the end rings to the base pipe